Federal Public Key Infrastructure Policy Authority (FPKIPA)
Minutes of the 9 November 2004 Meeting
GSA; 1800 F Street; Room 5240; Washington, DC

A. AGENDA
1) Welcome & Opening Remarks / Introductions
2) Discussion of Minutes from 14 September 2004
3) Status of Email Votes Since Last FPKIPA Meeting
4) Discussion Topic #1: FPKIPA Chair Nominations and Election
5) Discussion Topic #2: Status on FBCA CP Requirements for PKI Authorities
6) Discussion Topic #3: Signing Procedures for Email Votes
7) Federal Identity Credentialing Committee (FICC) Report
8) FPKI Certificate Policy Working Group (CPWG) Report
9) Federal PKI Architecture Operational Authority (FPKIA OA) Report
10) Other Topics
11) Meeting Adjourned / Next Meeting Plans

B. ATTENDANCE LIST

VOTING MEMBERS

Organization	Name	Email	Telephone
Dept of Commerce (NIST)	Polk, Tim	tim.polk@nist.gov	301.975.3348
Dept of Defense	Hanko, Dave	djhanko@missi.ncsc.mil	410.854.4900
Dept of Energy	Breland, Mary Ann	maryann.breland@hq.doe.gov	301.903.7245
Dept of Justice	Woods, Janice	janice.woods@usdoj.gov	202.616.9211
Dept of State	ABSENT		
Dept of the Treasury	Moldenhauer, Michelle	michelle.moldenhauer@do.treas.gov	202.622.1110
GSA	Temoshok, David	david.temoshok@gsa.gov	202.208.7655
NASA	DeYoung, Tice	tdeyoung@hq.nasa.gov	202.358.2145
OMB	Thornton, Jeanette	jeanette_i._thornton@omb.eop.gov	202.395.3562
USDA/NFC	ABSENT		

OBSERVERS

Organization	Name	Email	Telephone
ACES	Duncan, Steve	stephen.duncan@gsa.gov	202.708.7626
Dept of Defense	Mitchell, Debbie	dmmitc3@missi.ncsc.mil	410.854.4900
Dept of the Interior	Davis, Russ	russell_davis@blm.gov	202.452.5054
Dept of the Treasury (eValid8)	Dilley, Brian	brian.dilley@evalid8corp.com	443.250.7681
Dept of the Treasury (eValid8)	Faut, Nathan	nathan.faut@evalid8corp.com	301.335.2656
E-Auth Lab (Enspier)	Russell, Arthur	arussell@enspier.com	202.208.1235
FICC	Petrick, Brant	brant.petrick@gsa.gov	202.208.4673
FICC	Spencer, Judy	judith.spencer@gsa.gov	202.208.6576
FPKIA OA (Mitretek)	Stern, Michael	michael.stern@mitretek.org	703.610.1530
FPKIA OA (Mitretek)	Lins, Andrew	andrew.lins@mitretek.org	703.610.1786
FPKIA OA (Mitretek)	Tate, Darron	darron.tate@mitretek.org	703.610.1905
FPKIA OA Director (GSA)	Jenkins, Cheryl	cheryl.jenkins@gsa.gov	571.259.9923
FPKIPA Secretary (IATAC)	Lentz, Mark	lentz_mark@bah.com	410.684.6520
FPKIPA Secretary (IATAC)	Clemons, Darryl	clemons_darryl@bah.com	410.684.7732
GSA	Cornell, John	john.cornell@gsa.gov	202.501.1598
HHS	Alterman, Peter	altermap@mail.nih.gov	301.252.8846

C.   MEETING ACTIVITY

Agenda Items 1 & 2

Introductions / Vote on Approval of Meeting Minutes
Ms. Michelle Moldenhauer, Treasury and FPKIPA Chair, called the meeting to order at 9:40 a.m. with attendee introductions.

Regarding the 14 September 2004 and 12 October 2004 FPKIPA meeting minutes, they were not completed prior to this meeting, so they will be distributed to the FPKIPA via email at a later date for review and email vote.

Agenda Item 3

Status of Email Votes Since Last FPKIPA Meeting
There weren't any email votes conducted since the last FPKIPA meeting on 12 October 2004.

Agenda Item 4

Discussion Topic #1: FPKIPA Chair Nominations and Election
The FPKIPA Chair is an elected position and its term is two years. The term of the current FPKIPA Chair, Michelle Moldenhauer, Department of the Treasury, expires in December 2004. The following process will be followed to elect the next FPKIPA Chair:

1) Nominations should be forwarded to the FPKIPA listserve (FPKIPA@listserve.mitretek.org) by 7 December.
2) FPKIPA Voting Members will vote at the 14 December FPKIPA meeting for the FPKIPA Chair.
3) The newly elected FPKIPA Chair will begin serving their two-year term on 1 January 2005.

ACTION (100): IATAC will forward an informative message to the FPKIPA listserve about the FPKIPA Chair nomination and election process, so that anyone absent from the 9 November FPKIPA meeting will be aware of the upcoming FPKIPA Chair election and the opportunity to nominate someone for this position.

Agenda Item 5

Discussion Topic #2: Status on FBCA CP Requirements for PKI Authorities

Since the 12 October FPKIPA meeting, the CPWG met on 2 November and discussed this issue and developed FBCA CP Change Proposal 2004-03 that was distributed to the FPKIPA listserve prior to this meeting.

Most of the discussion centered around the wording of this change proposal dealing with the inclusion of U.S. Nationals and persons lawfully admitted for permanent residence for a minimum of 5 years.

ACTION (101): IATAC distribute to the FPKIPA listserve the latest FBCA CP Change Proposal 2004-03, based on comments from the 9 Nov 2004 FPKIPA meeting.

The FBCA CP Change Proposal should be reviewed by FPKIPA members and it will discussed again at the 14 December FPKIPA meeting and targeted for approval vote at the January 2005 FPKIPA meeting.

Agenda Item 6

Discussion Topic #3: Status of PKI Signing Procedures for Email Votes
Dr. Tice DeYoung, NASA, outlined the following options for FPKIPA members to obtain the capability for signing their emails:

1) Cross-Certification Member – use certificates from their PKI
2) FPKIPA members whose organization doesn't have PKI – possibly obtain a certificate from the FPKIA OA
3) Contractors – possibly obtain a certificate from a FBCA CP Cross-Certification member PKI.

Further research will be necessary to determine the feasibility of using PKI in FPKIPA business practices.

Agenda Item 7

Federal Identity Credentialing Committee (FICC) Report
Ms. Judith Spencer, FICC, reported the following items:

Homeland Security Presidential Directive – 12 (HSPD-12)
- First public draft of FIPS 201 was released by NIST yesterday and placed on Draft Publications area of NIST website.
- Consolidated responses from organizations are due by 23 December 2004. NIST provided an Excel spreadsheet with FIPS 201 for submitting comments.
- Phase I of the standard implementation (around 1 October 2005) – a self-assessment and assertion to OMB of the degree of compliance of an organization's established PKI/Smart Card with FIPS 201.
- Implementation plans for addressing FIPS 201 are requested by 27 July 2005.
- Record keeping in the identity proofing process is stressed in FIPS 201.

ACTION (102): FPKIPA member organizations send FIPS 201 comments to the FPKIPA listserve for consolidation by IATAC before forwarding them to NIST by 23 December 2004.

Cross-Certification Candidates
- Government of Canada – the Canadians have recently contacted Judy and indicated a readiness to resume the cross-certification process. Since they are essentially done the policy mapping, the two things that they would like to make progress on are the technical testing and the MOA.

- Wells Fargo – they will have representatives in DC for a conference the week of 15 Nov and a special CPWG meeting has been organized to discuss the Wells Fargo mapping in the morning of 19 Nov.

- Aerospace Bridge (Certipath) – some of the members of this bridge community are Boeing, Rolls Royce, Lockheed Martin, Northrup Grumman, Dutch, DoD, and the UK Ministry of

Defense (MOD). The UK MOD is planning to have its PKI operational in May/June 2005. They would like the CPWG to do an advisory mapping for them, but they haven't submitted it yet.

- Pennsylvania – Judy took a trip to Harrisburg, PA earlier in November to learn of their interest in FBCA cross-certification.

- Montana – they have also indicated an interest in cross-certification.

- Arkansas and New York --- they indicated an interest several months ago, but have not contacted Ms. Spencer lately.

APEC
The Asia Pacific Economic Cooperation (APEC) issued a final draft paper on international cross recognition/harmonization of PKI schemas. PKI in APEC is seen as the same as Identity Management in the US. Ms. Spencer has generated comments/responses to this final draft paper and she will forward them to the FPKIPA listserve after they are due to APEC by the end of November.

PD-VAL
In an effort to facilitate and promote the development of products that provide path validation solutions, the Path Discovery & Validation (PD-VAL) Working Group is developing requirements and grouping them into a tiered structure, with the higher the tier the more requirements that are satisfied by products. Vendors may bring their products to the E-Authentication lab for validation testing against these tiered requirements. The overall goal is to enable organizations to choose between available path validation products or a hosted validation service.

RSA Conference 2005 Technical Challenge
The technical challenge for vendors at the upcoming RSA Conference in February 2005 in San Francisco is for SAML 2.0. The technical challenge at the RSA Conference 2004 was for SAML 1.1 and was a very good technical exchange/product demonstration for vendors and attendees so it is hoped that it will be just as good or better for SAML 2.0 this year.

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Agenda Item 8

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FPKI Certificate Policy Working Group (CPWG) Report

Since the 12 October FPKIPA meeting, the only CPWG meeting was held on 2 November. At this meeting, the CPWG discussed the first 83 tables of the General Mapping Matrix for the Wells Fargo CP, discussed items on the "Comments on the FBCA CP from past CPWG meetings", and discussed the U.S. Citizenship white paper and the resulting FBCA CP Change Proposal 2004-03. The next CPWG meetings are scheduled for 19 and 22 November and 7 December.

Agenda Item 9

Federal PKI Architecture Operational Authority (FPKIA OA) Report

Status of FPKIA Certification & Accreditation (C&A)
Ms. Cheryl Jenkins, FPKIA OA Director, reviewed the status of the FPKIA Certification & Accreditation, stating the following highlights:

➢ The FPKIA OA was recently audited by KPMG. As a result of some discrepancies that were found in the audit, an FPKIPA approval for an interim Authorization To Operate (ATO) for one of the CAs that the FPKIA OA manages, the E-Gov CA, was needed by COB of the day of this meeting. The DAA that oversees the FPKIA OA has already approved the ATO. The audit report cited 96 discrepancies but a meeting was held between KPMG and Mitretek yesterday, and based on new information shared with KPMG at that meeting, the discrepancies were reduced to 25-30.

ACTION (103): IATAC will send out the background information about the latest FPKIA OA compliance audit and request a FPKIPA approval vote for an interim Authorization To Operate (ATO) for the E-Gov CA, until 31 January 2005.

Status of FBCA/Applicant Cross-Certification Technical Testing:
Interoperability testing has been completed with three organizations - DoD External CA (DoD ECA) was completed on 1 October, ACES/AT&T was completed on 15 October, and PTO was completed on 5 November. The FPKIA OA would like to recommend all three for interoperability testing approval. The FPKIPA believes that the DoD ECA and ACES/AT&T are ready for approval but PTO still has some directory interoperability issues outstanding, so the FPKIPA will postpone voting on PTO to a later date, after NIST decides how to resolve the directory issue with PTO. Here are the voting records for DoD ECA PKI and ACES/AT&T interoperability testing:

Approval vote for DoD ECA Technical Testing			
Voting members	**Vote (Motion – GSA; 2nd – NASA)**		
	Yes	**No**	**Abstain**
Dept of the Commerce	X		
Dept of Defense			X
Dept of Energy	X		
Dept of Justice	X		
Dept of State (proxy by FPKIPA Chair)	X		
Dept of Treasury	X		
GSA	X		
NASA	X		
OMB			X
USDA/NFC (proxy by FPKIPA Chair)	X		

Approval vote for ACES/AT&T Technical Testing			
Voting members	**Vote (Motion – GSA; 2nd – Commerce)**		
	Yes	**No**	**Abstain**
Dept of the Commerce	X		
Dept of Defense	X		
Dept of Energy	X		
Dept of Justice	X		
Dept of State (proxy by FPKIPA Chair)	X		
Dept of Treasury	X		
GSA			X
NASA	X		
OMB			X
USDA/NFC (proxy by FPKIPA Chair)	X		

ACTION (104): NIST will review the PTO directory testing issues and once resolved, between PTO and the FPKIA OA, will ask for FPKIPA approval.

Status of CA Testing:

Ms. Jenkins identified an issue related to the E-Authentication PMO. Every certificate cross-certified with the FBCA is put on the E-Authentication Trust List. Ms. Jenkins wanted to verify two things with the FPKIPA:

1) The same FBCA cross-certificates should also be on the E-Authentication Trust List, and
2) FBCA cross-certification member phone numbers should be listed on the E-Authentication Trust List.

The reason Ms. Jenkins asked these questions is many organizations are contacting technical and program management contacts of the cross-certification member organizations, to determine if the digital thumbprint is the same as used for E-Authentication. The FPKIPA agreed with both 1) and 2) above.

Agenda Item 10

Other Topics

There weren't any other topics discussed during this meeting.

Agenda Item 11

Meeting Adjourned / Next Meeting Plans
The meeting adjourned at 12:05 p.m.

The next FPKI PA Meeting is scheduled for 14 December 2004 from 09:30-12:30 at the GSA facility located at 1800 F Street, Room 5141B, Washington, DC.

D. CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
048	Solicit participants with a real application to do business with Canada.	Judy Spencer, GSA	10 June 2003	13 Jan 2004 FPKIPA meeting	**Open**
057	Write a short paper that says from here forward the FBCA OA will limit FBCA acceptance testing to systems that demonstrate enhanced assurance through NIAP testing.	Tim Polk, NIST	8 July 2003 Updated – 9 Sept 2003	9 Dec 2003 FPKIPA meeting	**Open**
062	Define the NIAP certification requirement for future bridge membrane applications.	Tim Polk, NIST	9 Sept 2003	9 Dec 2003 FPKIPA meeting	**Open**
066	Develop text for the FPKIPA Charter regarding the sunset clause for voting members of the FPKIPA who are not cross certified members of the FBCA.	Tim Polk, NIST	18 Nov 2003	13 Jan 2003 FPKIPA meeting	**Open**
085	Test/evaluate the PKCS-12 usage issue and make a recommendation to the FPKIPA at a meeting in the near future.	Tim Polk, NIST	13 July 2004	12 October 2004 FPKIPA meeting	**Open**
087	Once the FPKIPA approves the Department of Labor (DoL) compliance audit letter, request the FPKIPA voting members to submit their approval votes for cross certification of DoL.	IATAC	13 July 2004	10 August 2004 FPKIPA meeting	**Open**
090	Develop a C&A list related to NIST Standards 800-26 and 800-53.	Cheryl Jenkins, GSA	12 Oct 2004	Jan 2005 FPKIPA meeting	**Open**
094	Research the possible options for making PKI electronic signatures a reality for FPKIPA email votes and other FPKIPA business processes and report back to the FPKIPA at the 9 Nov meeting.	Dr. Tice DeYoung, NASA	12 Oct 2004	9 Nov 2004 FPKIPA meeting	**Closed, 9 Nov 2004 FPKIPA meeting**
095	Develop, obtain FPKIPA approval, and distribute a letter to cross-certification members, requesting them to send a letter to the FPKIPA to document their compliance audit history and schedule of annual audit of their cross-certified CA, in compliance with FISMA requirements.	IATAC	12 Oct 2004	14 Dec 2004 FPKIPA meeting	**Open**

No.	Action Statement	POC	Start Date	Target Date	Status
096	Research and draft FPKIPA charter updates to address Bridge-to-Bridge Cross-Certification.	Dr. Tice DeYoung, NASA	12 Oct 2004	Jan 2005 FPKIPA meeting	**Open**
097	Research and draft FBCA Criteria & Methodology document updates to address Bridge-to-Bridge Cross-Certification.	Dr. Peter Alterman, HHS	12 Oct 2004	Jan 2005 FPKIPA meeting	**Open**
100	Forward an informative message to the FPKIPA listserve about the FPKIPA Chair nomination and election process, so that anyone absent from the 9 November FPKIPA meeting will be aware of the upcoming FPKIPA Chair election and the opportunity to nominate someone for this position.	IATAC	9 Nov 2004	16 Nov 2004	**Closed, 15 Nov 2004**
101	Distribute to the FPKIPA listserve the latest FBCA CP Change Proposal 2004-03, based on comments from the 9 Nov 2004 FPKIPA meeting.	IATAC	9 Nov 2004	16 Nov 2004	**Closed, 15 Nov 2004**
102	Send FIPS 201 comments to the FPKIPA listserve for consolidation by IATAC before forwarding them to NIST by 23 December 2004.	FPKIPA members	9 Nov 2004	3 Dec 2004	**Closed, 3 Dec 2004**
103	Send out the background information about the latest FPKIA OA compliance audit and request a FPKIPA approval vote for an interim Authorization To Operate (ATO) for the E-Gov CA, until 31 January 2005.	IATAC	9 Nov 2004	9 Nov 2004	**Closed, 9 Nov 2004**
104	Review the PTO directory testing issues and once resolved, between PTO and the FPKIA OA, will ask for FPKIPA approval.	NIST	9 Nov 2004	14 Dec 2004 FPKIPA meeting	**Open**